

## Abstract

In a window-integrated antenna in a vehicle, conductor configurations are provided for FM ( $L_{FM}$ ) reception as well as for AM ( $L_{AM}$ ) reception which are separated with respect to RF from the heating circuit (B) via decoupling and matching circuits (EA1, EA2). The second  
5 decoupling and matching circuit (EA2) in the AM circuit is situated downstream from the first decoupling and matching circuit (EA1) in the FM circuit and in particular in the shunt circuit of the same.

This makes it possible to utilize the FM structures as a supply lead to the AM structure. The filter expense of the second decoupling and matching circuit may be minimized.

10 (Figure 1)